

WEST Search History

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DATE: Tuesday, September 14, 2004

Hide?	<u>Set</u> <u>Name</u>	<u>Query</u>	<u>Hit</u> <u>Count</u>
		<i>DB=USPT,EPAB,JPAB,DWPI; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L7	L6 and (halophyte? or mangrove?)	1
<input type="checkbox"/>	L6	L5 and (toleran? or resistan?)	105
<input type="checkbox"/>	L5	L3 and (salt or osmotic) near3 stress	145
<input type="checkbox"/>	L4	L3 and (halophyte? or mangrove?)	1
<input type="checkbox"/>	L3	L2 and (water or drought or freez? or heat or high or low or temperature)	940
<input type="checkbox"/>	L2	L1 and (vector or expression or introduce? or insert)	1016
<input type="checkbox"/>	L1	environmental near4 stress and (gene or protein or DNA or nucleic or nucleotide) and plant	1274

END OF SEARCH HISTORY

10/031,331

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSSPTA1649MXI

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

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NEWS	2		"Ask CAS" for self-help around the clock
NEWS	3	May 12	EXTEND option available in structure searching
NEWS	4	May 12	Polymer links for the POLYLINK command completed in REGISTRY
NEWS	5	May 27	New UPM (Update Code Maximum) field for more efficient patent SDIs in CPlus
NEWS	6	May 27	CPlus super roles and document types searchable in REGISTRY
NEWS	7	Jun 28	Additional enzyme-catalyzed reactions added to CASREACT
NEWS	8	Jun 28	ANTE, AQUALINE, BIOENG, CIVILENG, ENVIROENG, MECHENG, and WATER from CSA now available on STN(R)
NEWS	9	Jul 12	BEILSTEIN enhanced with new display and select options, resulting in a closer connection to BABS
NEWS	10	Jul 30	BEILSTEIN on STN workshop to be held August 24 in conjunction with the 228th ACS National Meeting
NEWS	11	AUG 02	IFIPAT/IFIUDB/IFICDB reloaded with new search and display fields
NEWS	12	AUG 02	CPlus and CA patent records enhanced with European and Japan Patent Office Classifications
NEWS	13	AUG 02	STN User Update to be held August 22 in conjunction with the 228th ACS National Meeting
NEWS	14	AUG 02	The Analysis Edition of STN Express with Discover! (Version 7.01 for Windows) now available
NEWS	15	AUG 04	Pricing for the Save Answers for SciFinder Wizard within STN Express with Discover! will change September 1, 2004
NEWS	16	AUG 27	BIOCOMMERCE: Changes and enhancements to content coverage
NEWS	17	AUG 27	BIOTECHABS/BIOTECHDS: Two new display fields added for legal status data from INPADOC
NEWS	18	SEP 01	INPADOC: New family current-awareness alert (SDI) available
NEWS	19	SEP 01	New pricing for the Save Answers for SciFinder Wizard within STN Express with Discover!
NEWS	20	SEP 01	New display format, HITSTR, available in WPIDS/WPINDEX/WPIX
NEWS EXPRESS			JULY 30 CURRENT WINDOWS VERSION IS V7.01, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 11 AUGUST 2004
NEWS HOURS			STN Operating Hours Plus Help Desk Availability
NEWS INTER			General Internet Information
NEWS LOGIN			Welcome Banner and News Items
NEWS PHONE			Direct Dial and Telecommunication Network Access to STN
NEWS WWW			CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 09:55:24 ON 14 SEP 2004

=> FIL STNGUIDE
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.21	0.21

FULL ESTIMATED COST

FILE 'STNGUIDE' ENTERED AT 09:55:29 ON 14 SEP 2004
USE IS SUBJECT TO THE TERMS OF YOUR CUSTOMER AGREEMENT
COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY, JAPAN SCIENCE
AND TECHNOLOGY CORPORATION, AND FACHINFORMATIONSZENTRUM KARLSRUHE

FILE CONTAINS CURRENT INFORMATION.
LAST RELOADED: Sep 10, 2004 (20040910/UP).

=> file caplus biosis agricola medline europatfull patents

FILE 'ENCOMPPAT' ACCESS NOT AUTHORIZED
FILE 'ENCOMPPAT2' ACCESS NOT AUTHORIZED
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.06	0.27

FULL ESTIMATED COST

FILE 'CAPLUS' ENTERED AT 09:55:56 ON 14 SEP 2004
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FILE 'MEDLINE' ENTERED AT 09:55:56 ON 14 SEP 2004

FILE 'EUROPATFULL' ENTERED AT 09:55:56 ON 14 SEP 2004
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FILE 'CAOLD' ENTERED AT 09:55:56 ON 14 SEP 2004
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FILE 'CASREACT' ENTERED AT 09:55:56 ON 14 SEP 2004
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FILE 'CROPUS' ENTERED AT 09:55:56 ON 14 SEP 2004
COPYRIGHT (C) 2004 THOMSON DERWENT

FILE 'DGENE' ENTERED AT 09:55:56 ON 14 SEP 2004
COPYRIGHT (C) 2004 THOMSON DERWENT

FILE 'DPCI' ENTERED AT 09:55:56 ON 14 SEP 2004
COPYRIGHT (C) 2004 THOMSON DERWENT

FILE 'FRANCEPAT' ENTERED AT 09:55:56 ON 14 SEP 2004
COPYRIGHT (C) 2004 INPI

FILE 'FRFULL' ENTERED AT 09:55:56 ON 14 SEP 2004
COPYRIGHT (C) 2004 Univentio

FILE 'FSTA' ENTERED AT 09:55:56 ON 14 SEP 2004
COPYRIGHT (C) 2004 International Food Information Service

FILE 'IFIPAT' ENTERED AT 09:55:56 ON 14 SEP 2004
COPYRIGHT (C) 2004 IFI CLAIMS(R) Patent Services (IFI)

FILE 'INPADOC' ENTERED AT 09:55:56 ON 14 SEP 2004
COPYRIGHT (C) 2004 European Patent Office, Vienna (EPO)

FILE 'JAPIO' ENTERED AT 09:55:56 ON 14 SEP 2004
COPYRIGHT (C) 2004 Japanese Patent Office (JPO) - JAPIO

FILE 'LITALERT' ENTERED AT 09:55:56 ON 14 SEP 2004
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FILE 'PAPERCHEM2' ENTERED AT 09:55:56 ON 14 SEP 2004
Paperchem2 compilation and indexing (C) 2004
Elsevier Engineering Information Inc. All rights reserved.

FILE 'PATDD' ENTERED AT 09:55:56 ON 14 SEP 2004
COPYRIGHT 2004 (C) Deutsches Patent- und Markenamt (DPMA)

FILE 'PATDPA' ENTERED AT 09:55:56 ON 14 SEP 2004
COPYRIGHT (c) 2004 Deutsches Patent- und Markenamt / FIZ Karlsruhe (DPMA/FIZ KA)

FILE 'PATDPAFULL' ENTERED AT 09:55:56 ON 14 SEP 2004
COPYRIGHT (C) 2004 DPMA

FILE 'PATOSDE' ENTERED AT 09:55:56 ON 14 SEP 2004
COPYRIGHT (c) 2004 WILA Verlag Muenchen (WILA)

FILE 'PATOSEP' ENTERED AT 09:55:56 ON 14 SEP 2004
COPYRIGHT (c) 2004 WILA Verlag Muenchen (WILA)

FILE 'PATOSWO' ENTERED AT 09:55:56 ON 14 SEP 2004
COPYRIGHT (c) 2004 WILA Verlag Muenchen (WILA)

FILE 'PCTFULL' ENTERED AT 09:55:56 ON 14 SEP 2004
COPYRIGHT (C) 2004 Univentio

FILE 'PCTGEN' ENTERED AT 09:55:56 ON 14 SEP 2004
COPYRIGHT (C) 2004 WIPO

FILE 'PIRA' ENTERED AT 09:55:56 ON 14 SEP 2004
COPYRIGHT (C) 2004 Pira International

FILE 'PROUSDDR' ENTERED AT 09:55:56 ON 14 SEP 2004
COPYRIGHT (C) 2004 Prous Science

FILE 'PS' ENTERED AT 09:55:56 ON 14 SEP 2004
COPYRIGHT (C) 2004 Thieme on STN

FILE 'RAPRA' ENTERED AT 09:55:56 ON 14 SEP 2004
COPYRIGHT (C) 2004 RAPRA Technology Ltd.

FILE 'RDISCLOSURE' ENTERED AT 09:55:56 ON 14 SEP 2004
COPYRIGHT (C) 2004 Kenneth Mason Publications Ltd.

FILE 'SYNTHLINE' ENTERED AT 09:55:56 ON 14 SEP 2004
COPYRIGHT (C) 2004 Prous Science

FILE 'TULSA' ENTERED AT 09:55:56 ON 14 SEP 2004
COPYRIGHT (C) 2004 The University of Tulsa (UTULSA)

FILE 'TULSA2' ENTERED AT 09:55:56 ON 14 SEP 2004
COPYRIGHT (C) 2004 The University of Tulsa (UTULSA)

FILE 'USPATFULL' ENTERED AT 09:55:56 ON 14 SEP 2004
CA INDEXING COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'USPAT2' ENTERED AT 09:55:56 ON 14 SEP 2004
CA INDEXING COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'WPIDS' ENTERED AT 09:55:56 ON 14 SEP 2004
COPYRIGHT (C) 2004 THOMSON DERWENT

FILE 'WPIFV' ENTERED AT 09:55:56 ON 14 SEP 2004
COPYRIGHT (C) 2004 THOMSON DERWENT

FILE 'WPINDEX' ACCESS NOT AUTHORIZED

=> s stress? (4a) (environment? or condition?) and (gene? or protein or DNA? or nucleic or nucleotide)

2 FILES SEARCHED...
5 FILES SEARCHED...
9 FILES SEARCHED...
15 FILES SEARCHED...
22 FILES SEARCHED...
26 FILES SEARCHED...
27 FILES SEARCHED...
35 FILES SEARCHED...
36 FILES SEARCHED...
38 FILES SEARCHED...

L1 107035 STRESS? (4A) (ENVIRONMENT? OR CONDITION?) AND (GENE? OR PROTEIN OR DNA? OR NUCLEIC OR NUCLEOTIDE)

=> s l1 and (osmotic or salt or water or ultraviolet or UV or temperature) (5a) stress?

5 FILES SEARCHED...
16 FILES SEARCHED...
26 FILES SEARCHED...
35 FILES SEARCHED...
38 FILES SEARCHED...

L2 15829 L1 AND (OSMOTIC OR SALT OR WATER OR ULTRAVIOLET OR UV OR TEMPERATURE) (5A) STRESS?

=> s l2 and (transform? or transgenic) (3a) plant

9 FILES SEARCHED...
24 FILES SEARCHED...
38 FILES SEARCHED...

L3 2702 L2 AND (TRANSFORM? OR TRANSGENIC) (3A) PLANT

=> s l3 and (improve? or increase?) (4a) (toleran? or resistan?)

9 FILES SEARCHED...
21 FILES SEARCHED...
28 FILES SEARCHED...
34 FILES SEARCHED...

L4 1468 L3 AND (IMPROVE? OR INCREASE?) (4A) (TOLERAN? OR RESISTAN?)

=> s l4 not PY>2000

9 FILES SEARCHED...

17 FILES SEARCHED...
27 FILES SEARCHED...
'2000' NOT A VALID FIELD CODE
38 FILES SEARCHED...
L5 250 L4 NOT PY>2000

=> dup remov l5
DUPLICATE IS NOT AVAILABLE IN 'CAOLD, DGENE, DPCI, LITALERT, PCTGEN, PROUSDDR, RDISCLOSURE, SYNTHLINE'.
ANSWERS FROM THESE FILES WILL BE CONSIDERED UNIQUE
PROCESSING COMPLETED FOR L5
L6 221 DUP REMOV L5 (29 DUPLICATES REMOVED)

=> remov dup l5
DUP IS NOT VALID HERE
The DELETE command is used to remove various items stored by the system.

To delete a saved query, saved answer set, saved L-number list, SDI request, batch request, mailing list, or user-defined cluster, format, or search field, enter the name. The name may include ? for left, right, or simultaneous left and right truncation.

Examples:

DELETE BIO?/Q	- delete query names starting with BIO
DELETE ?DRUG/A	- delete answer set names ending with DRUG
DELETE ?ELEC?/L	- delete L-number lists containing ELEC
DELETE ANTICOAG/S	- delete SDI request
DELETE ENZYME/B	- delete batch request
DELETE .MYCLUSTER	- delete user-defined cluster
DELETE .MYFORMAT	- delete user-defined display format
DELETE .MYFIELD	- delete user-defined search field
DELETE NAMELIST MYLIST	- delete mailing list

To delete an ordered document or an offline print, enter its number.

Examples:

DELETE P123001C	- delete print request
DELETE D134002C	- delete document order request

To delete an individual L-number or range of L-numbers, enter the L-number or L-number range. You may also enter DELETE LAST followed by a number, n, to delete the last n L-numbers. RENUMBER or NORENUMBER may also be explicitly specified to override the value of SET RENUMBER.

Examples:

DELETE L21	- delete a single L-number
DELETE L3-L6	- delete a range of L-numbers
DELETE LAST 4	- delete the last 4 L-numbers
DELETE L33-	- delete L33 and any higher L-number
DELETE -L55	- delete L55 and any lower L-number
DELETE L2-L6 RENUMBER	- delete a range of L-numbers and renumber remaining L-numbers
DELETE RENUMBER	- renumber L-numbers after deletion of intermediate L-numbers

Entire sets of saved items, SDI requests, batch requests, user-defined items, or E-numbers can be deleted.

Examples:

```
DELETE SAVED/Q - delete all saved queries
DELETE SAVED/A - delete all saved answer sets
DELETE SAVED/L - delete all saved L-number lists
DELETE SAVED - delete all saved queries, answer sets,
                and L-number lists
DELETE SAVED/S - delete all SDI requests
DELETE SAVED/B - delete all batch requests
DELETE CLUSTER - delete all user-defined clusters
DELETE FORMAT - delete all user-defined display formats
DELETE FIELD - delete all user-defined search fields
DELETE SELECT - delete all E-numbers
DELETE HISTORY - delete all L-numbers and restart the
                session at L1
```

To delete an entire multifile SDI request, enter DELETE and the name of the request. To delete a component from the multifile SDI, enter DELETE and the name of the component.

=> d his

(FILE 'HOME' ENTERED AT 09:55:24 ON 14 SEP 2004)

FILE 'STNGUIDE' ENTERED AT 09:55:29 ON 14 SEP 2004

FILE 'CAPLUS, BIOSIS, AGRICOLA, MEDLINE, EUROPATFULL, CAOLD, CASREACT, CROPU, DGENE, DPCI, FRANCEPAT, FRFULL, FSTA, IFIPAT, INPADOC, JAPIO, LITALERT, NTIS, PAPERCHEM2, PATDD, PATDPA, PATDPAFULL, PATOSDE, PATOSEP, PATOSWO, PCTFULL, PCTGEN, PIRA, PROUSDDR, ...' ENTERED AT 09:55:56 ON 14 SEP 2004

```
L1      107035 S STRESS? (4A) (ENVIRONMENT? OR CONDITION?) AND (GENE? OR PROTE
L2      15829 S L1 AND (OSMOTIC OR SALT OR WATER OR ULTRAVIOLET OR UV OR TEM
L3      2702 S L2 AND (TRANSFORM? OR TRANSGENIC) (3A) PLANT
L4      1468 S L3 AND (IMPROVE? OR INCREASE?) (4A) (TOLERAN? OR RESISTAN?)
L5      250 S L4 NOT PY>2000
L6      221 DUP REMOV L5 (29 DUPLICATES REMOVED)
```

=> s l5 and (freez? or heat or low or high) (3a) temperature

5 FILES SEARCHED...

16 FILES SEARCHED...

26 FILES SEARCHED...

36 FILES SEARCHED...

38 FILES SEARCHED...

L7 124 L5 AND (FREEZ? OR HEAT OR LOW OR HIGH) (3A) TEMPERATURE

=> d l7 1-20

L7 ANSWER 1 OF 124 CAPLUS COPYRIGHT 2004 ACS on STN

AN 2000:91861 CAPLUS

DN 132:261130

TI Transgenic approaches to **increase** dehydration-stress
tolerance in plants

AU Bajaj, Shavindra; Targolli, Jayaprakash; Liu, Li-Fei; Ho, Tuan-Hua David;
Wu, Ray

CS Department of Molecular Biology and Genetics, Cornell University, Ithaca,
NY, 14853, USA

SO Molecular Breeding (1999), 5(6), 493-503

CODEN: MOBRFL; ISSN: 1380-3743

PB Kluwer Academic Publishers

DT Journal; General Review

LA English

RE.CNT 66 THERE ARE 66 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

AN 1994017186 PCTFULL ED 20020513
 TIEN NOVEL **GENES**, POLYPEPTIDES, AND COMPOSITIONS FOR COLD TOLERANCE
 AND DROUGHT RESISTANCE IN PLANTS
 TIFR **GENES** NOUVEAUX, POLYPEPTIDES ET COMPOSITIONS FAVORISANT LA
 TOLERANCE AU FROID ET LA RESISTANCE A LA SECHERESSE DES PLANTES
 IN GUY, Charles, L.;
 HASKELL, Dale, W.;
 HOFIG, Andrea;
 NEVEN, Lisa, Gail
 PA UNIVERSITY OF FLORIDA
 LA English
 DT Patent
 PI WO 9417186 A1 19940804
 DS W: AU BB BG BR BY CA CN CZ FI HU JP KP KR KZ LK LV MG MN MW
 NO NZ PL RO RU SD SK UA UZ VN AT BE CH DE DK ES FR GB GR
 IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN
 TD TG
 AI WO 1994-US581 A 19940121
 PRAI US 1993-8/007,107 19930121
 ICM C12N015-29
 ICS C12N015:82; C12N005:10; C12N001:21; A01N003:00; C12N001:04

 L7 ANSWER 85 OF 124 PCTFULL COPYRIGHT 2004 Univentio on STN
 AN 1992019731 PCTFULL ED 20020513
 TIEN **TRANSGENIC PLANTS** WITH ALTERED POLYOL CONTENT
 TIFR PLANTES TRANSGENIQUES A TENEUR EN POLYOL MODIFIEE
 IN TARCZYNSKI, Mitchell, C.;
 JENSEN, Richard, G.;
 BOHNERT, Hans, J.;
 VERNON, Daniel, M.
 PA THE ARIZONA BOARD OF REGENTS on behalf of THE UNIVERSITY OF ARIZONA
 LA English
 DT Patent
 PI WO 9219731 A1 19921112
 DS W: AT AU BE CA CH DE DK ES FR GB GR IT JP LU MC NL SE
 AI WO 1992-US3826 A 19920508
 PRAI US 1991-697,390 19910509
 US 1992-871,416 19920420
 ICM C12N015-00

 L7 ANSWER 86 OF 124 USPATFULL on STN
 AN 2000:164709 USPATFULL
 TI Plant artificial chromosome compositions and methods
 IN Preuss, Daphne, Chicago, IL, United States
 Copenhaver, Gregory, Oak Park, IL, United States
 PA University of Chicago, Chicago, IL, United States (U.S. corporation)
 PI US 6156953 20001205
 AI US 1998-90051 19980603 (9)
 PRAI US 1997-48451P 19970603 (60)
 US 1998-73741P 19980205 (60)
 DT Utility
 FS Granted
 LN.CNT 3342
 INCL INCLM: 800/278.000
 INCLS: 800/292.000; 800/298.000; 800/293.000; 800/279.000; 800/289.000;
 800/294.000; 283/281.000; 283/284.000; 283/295.000; 283/306.000;
 283/268.000; 283/260.000
 NCL NCLM: 800/278.000
 NCLS: 800/260.000; 800/268.000; 800/279.000; 800/281.000; 800/283.000;
 800/284.000; 800/289.000; 800/292.000; 800/293.000; 800/294.000;
 800/295.000; 800/298.000; 800/306.000
 IC [7]
 ICM: C12N015-87
 ICS: A01H009-00; A01H011-00; A01H005-00; A01H001-00

AI WO 1999-US1164 A 19990115
PRAI US 1998-09/008,186 19980116
ICM C12N015-10
ICS C12N015-67; C12N015-83; C12Q001-68; A01H003-00

L7 ANSWER 67 OF 124 PCTFULL COPYRIGHT 2004 Univentio on STN
AN 1999032642 PCTFULL ED 20020515
TIEN METHOD FOR REDUCTION OF TRANSGENE COPY NUMBER
TIFR PROCEDE DE REDUCTION DU NOMBRE DE COPIES DE TRANSGENES
IN LOWE, Brenda, A.;

SPENCER, T., Michael;
KAUSCH, Albert, P.
PA DEKALB GENETICS CORPORATION;
LOWE, Brenda, A.;

SPENCER, T., Michael;
KAUSCH, Albert, P.
LA English
DT Patent
PI WO 9932642 A2 19990701
DS W:

AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES
FI GB GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK
LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE
SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW GH GM KE LS
MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE
DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM
GA GN GW ML MR NE SN TD TG

AI WO 1998-US27253 A 19981222
PRAI US 1997-08/995,451 19971222
ICM C12N015-82
ICS A01H005-00

L7 ANSWER 68 OF 124 PCTFULL COPYRIGHT 2004 Univentio on STN
AN 1999025852 PCTFULL ED 20020515
TIEN STRESS RESISTANCE **GENE**
TIFR **GENE** DE RESISTANCE AU STRESS
IN OBERSCHALL, Atilla;

HORVATH, Gssbor;
DEAK, Mssria;
ToEREK, Kssrolyne;
DUDITS, Denes;
FEHER, Atilla;
SASS, Lssszlo;
HIDEG, Eva;
VASS, Imre
PA BTG INTERNATIONAL LIMITED;
OBERSCHALL, Atilla;
HORVATH, Gssbor;
DEAK, Mssria;
ToEREK, Kssrolyne;
DUDITS, Denes;
FEHER, Atilla;
SASS, Lssszlo;
HIDEG, Eva;
VASS, Imre

LA English
DT Patent
PI WO 9925852 A1 19990527
DS W:

AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES
FI GB GD GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK
LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE
SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW GH GM KE LS
MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE
DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM
GA GN GW ML MR NE SN TD TG

TIFR PLANTES TRANSGENIQUES EXPRIMANT UN DOMAINE DE PROTEINE KINASE MAPKKK
 IN SHEEN, Jen;
 CHIU, Wan-Ling;
 KOVTUN, Yelena
 PA THE GENERAL HOSPITAL CORPORATION
 LA English
 DT Patent
 PI WO 2000009724 A1 20000224
 DS W: AU CA CN JP AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC
 NL PT SE
 AI WO 1999-US18150 A 19990810
 PRAI US 1998-60/095,938 19980810
 ICM C12N015-82
 ICS C12N005-04; C12N015-29; C12N015-54; A01H005-00; A01H005-10

 L7 ANSWER 56 OF 124 PCTFULL COPYRIGHT 2004 Univentio on STN
 AN 2000008187 PCTFULL ED 20020515
 TIEN **GENES INVOLVED IN TOLERANCE TO ENVIRONMENTAL STRESS**
 TIFR **GENES** JOUANT UN ROLE DANS LA TOLERANCE AU STRESS DE
 L'ENVIRONNEMENT
 IN LEE, Jeong, Hee;
 VERBRUGGEN, Nathalie
 PA VLAAMS INTERUNIVERSITAIR INSTITUUT VOOR BIOTECHNOLOGIE;
 LEE, Jeong, Hee;
 VERBRUGGEN, Nathalie
 LA English
 DT Patent
 PI WO 2000008187 A2 20000217
 DS W: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE
 ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ
 LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU
 SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW GH
 GM KE LS MW SD SL SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT
 BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ
 CF CG CI CM GA GN GW ML MR NE SN TD TG

 AI WO 1999-EP5652 A 19990804
 PRAI EP 1998-98202634.6 19980804
 ICM C12N015-82
 ICS C12N015-10; C12N009-12; C12N005-10; C12Q001-68; A01H005-00

 L7 ANSWER 57 OF 124 PCTFULL COPYRIGHT 2004 Univentio on STN
 AN 2000000601 PCTFULL ED 20020515
 TIEN PRODUCTION OF **LOW-TEMPERATURE**, SALT-AND
 DROUGHT-TOLERANT **TRANSGENIC CEREAL PLANTS**
 TIFR PRODUCTION DE PLANTS DE CEREALES TRANSGENIQUES RESISTANTS A LA
 SECHERESSE, AU SEL ET AU FROID
 IN WU, Ray, J.
 PA CORNELL RESEARCH FOUNDATION, INC.
 LA English
 DT Patent
 PI WO 2000000601 A2 20000106
 DS W: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES
 FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
 LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD
 SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW GH GM KE LS
 MW SD SL SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY
 DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI
 CM GA GN GW ML MR NE SN TD TG

 AI WO 1999-US14572 A 19990628
 PRAI US 1998-09/107,201 19980629
 ICM C12N015-00

 L7 ANSWER 58 OF 124 PCTFULL COPYRIGHT 2004 Univentio on STN

DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE
 KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO
 NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US
 UZ VN YU ZA ZW GH GM KE LS MW SD SL SZ TZ UG ZW AM AZ BY
 KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT
 LU MC NL PT SE BF BJ CF CG CI CM GA GN GW ML MR NE SN TD
 TG

AI WO 2000-US8235 A 20000329
 PRAI US 1999-09/281,851 19990331
 ICM C12N015-86
 ICS C12N015-40; C12N007-01; A01H005-00

L7 ANSWER 42 OF 124 PCTFULL COPYRIGHT 2004 Univentio on STN
 AN 2000056905 PCTFULL ED 20020515
 TIEN METHOD FOR ENHANCING AND/OR IMPROVING PLANT GROWTH AND/OR YIELD OR
 MODIFYING PLANT ARCHITECTURE
 TIFR PROCEDE POUR ACCELERER ET/OU AMELIORER LA CROISSANCE ET/OU LE RENDEMENT
 DE VEGETAUX OU POUR MODIFIER LEUR ARCHITECTURE
 IN DE VEYLDER, Lieven;
 BOUDOLF, Veronique, Katelijne, Cecile, Kristien;
 BEEMSTER, Gerardus, Theodorus, Simon;
 INZE, Dirk;
 BURSSSENS, Sylvia
 PA CROPDESIGN N.V.;
 DE VEYLDER, Lieven;
 BOUDOLF, Veronique, Katelijne, Cecile, Kristien;
 BEEMSTER, Gerardus, Theodorus, Simon;
 INZE, Dirk;
 BURSSSENS, Sylvia
 LA English
 DT Patent
 PI WO 2000056905 A2 20000928
 DS W:

AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE
 DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE
 KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO
 NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US
 UZ VN YU ZA ZW GH GM KE LS MW SD SL SZ TZ UG ZW AM AZ BY
 KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT
 LU MC NL PT SE BF BJ CF CG CI CM GA GN GW ML MR NE SN TD
 TG

AI WO 2000-EP2441 A 20000320
 PRAI EP 1999-99105671.4 19990319
 ICM C12N015-82
 ICS C12N015-29; C12N005-10; A01H005-00; C12N009-12

L7 ANSWER 43 OF 124 PCTFULL COPYRIGHT 2004 Univentio on STN
 AN 2000052182 PCTFULL ED 20020515
 TIEN USE OF GLUTATHIONE-S-TRANSFERASE TO **INCREASE** STRESS
TOLERANCE IN PLANTS
 TIFR UTILISATION DE GLUTATHIONE-S-TRANSFERASE POUR AUGMENTER LA RESISTANCE AU
 STRESS DE PLANTES
 IN DROST, Dirk, Cooper;
 BUREN, Lawrence, Lamont;
 JEPSON, Ian;
 DALY, Allan
 PA ZENECA LIMITED;
 DROST, Dirk, Cooper;
 BUREN, Lawrence, Lamont;
 JEPSON, Ian;
 DALY, Allan
 LA English
 DT Patent
 PI WO 2000052182 A1 20000908
 DS W:

AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK

TIEN THE MAIZE RS324 PROMOTER AND METHODS FOR USE THEREOF
 TIFR PROMOTEUR RS324 DU MAIS ET PROCEDES D'UTILISATION DE CE PROMOTEUR
 IN MCELROY, David;
 OROZCO, Emil, M., Jr.;
 LACCETTI, Lucille, B.
 PA DEKALB GENETICS CORPORATION;
 MCELROY, David;
 OROZCO, Emil, M., Jr.;
 LACCETTI, Lucille, B.
 LA English
 DT Patent
 PI WO 2000070066 A1 20001123
 DS W: AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE
 DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE
 KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO
 NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US
 UZ VN YU ZA ZW GH GM KE LS MW SD SL SZ TZ UG ZW AM AZ BY
 KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT
 LU MC NL PT SE BF BJ CF CG CI CM GA GN GW ML MR NE SN TD
 TG
 AI WO 2000-US13301 A 20000512
 PRAI US 1999-09/312,285 19990514
 ICM C12N015-82
 ICS C12N015-29; A01H005-00
 L7 ANSWER 40 OF 124 PCTFULL COPYRIGHT 2004 Univentio on STN
 AN 2000070016 PCTFULL ED 20020515
 TIEN **GENETICALLY MODIFIED PLANTS TOLERANT OF STRESS**
CONDITIONS
 TIFR PLANTES **GENETIQUEMENT** MODIFIEES TOLERANTES VIS-A-VIS DE
CONDITIONS DE STRESS
 IN GALILI, Gad;
 AMIR, Rachel
 PA YEDA RESEARCH AND DEVELOPMENT CO. LTD.;
 GAVISH-GALILEE BIO APPLICATIONS LTD.;
 GALILI, Gad;
 AMIR, Rachel
 LA English
 DT Patent
 PI WO 2000070016 A2 20001123
 DS W: AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE
 DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE
 KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ
 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG
 US UZ VN YU ZA ZW GH GM KE LS MW MZ SD SL SZ TZ UG ZW AM
 AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR
 IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN GW ML MR NE
 SN TD TG
 AI WO 2000-IL281 A 20000518
 PRAI IL 1999-130014 19990518
 L7 ANSWER 41 OF 124 PCTFULL COPYRIGHT 2004 Univentio on STN
 AN 2000058487 PCTFULL ED 20020515
 TIEN INSECT VIRAL VECTORS AND USES THEREOF
 TIFR VECTEURS A BASE DE VIRUS D'INSECTE ET LEURS UTILISATIONS
 IN DASGUPTA, Ranjit, K.;
 GOODMAN, Robert
 PA WISCONSIN ALUMNI RESEARCH FOUNDATION;
 DASGUPTA, Ranjit, K.;
 GOODMAN, Robert
 LA English
 DT Patent
 PI WO 2000058487 A2 20001005
 DS W: AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE

L7 ANSWER 23 OF 124 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAC84154 DNA DGENE
 TI Novel **nucleic** acids useful for producing **genetically**
 modified plants with **improved** stress **tolerance** and
 capable of expressing homoserine acetyltransferase -
 IN Galili G; Amir R
 PA (YEDA) YEDA RES & DEV CO LTD.
 (GAVI-N) GAVISH-GALILEE BIO APPL LTD.
 PI WO 2000070016 A2 20001123 89p
 AI WO 2000-IL281 20000518
 PRAI IL 1999-130014 19990518
 DT Patent
 LA English
 OS 2001-016222 [02]
 DESC *S. cerevisiae* met25 **DNA** amplifying primer P3.

L7 ANSWER 24 OF 124 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAC84153 DNA DGENE
 TI Novel **nucleic** acids useful for producing **genetically**
 modified plants with **improved** stress **tolerance** and
 capable of expressing homoserine acetyltransferase -
 IN Galili G; Amir R
 PA (YEDA) YEDA RES & DEV CO LTD.
 (GAVI-N) GAVISH-GALILEE BIO APPL LTD.
 PI WO 2000070016 A2 20001123 89p
 AI WO 2000-IL281 20000518
 PRAI IL 1999-130014 19990518
 DT Patent
 LA English
 OS 2001-016222 [02]
 DESC *S. cerevisiae* met2 **DNA** amplifying primer P2.

L7 ANSWER 25 OF 124 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAC84152 DNA DGENE
 TI Novel **nucleic** acids useful for producing **genetically**
 modified plants with **improved** stress **tolerance** and
 capable of expressing homoserine acetyltransferase -
 IN Galili G; Amir R
 PA (YEDA) YEDA RES & DEV CO LTD.
 (GAVI-N) GAVISH-GALILEE BIO APPL LTD.
 PI WO 2000070016 A2 20001123 89p
 AI WO 2000-IL281 20000518
 PRAI IL 1999-130014 19990518
 DT Patent
 LA English
 OS 2001-016222 [02]
 DESC *S. cerevisiae* met2 **DNA** amplifying primer P1.

L7 ANSWER 26 OF 124 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAV39852 DNA DGENE
 TI **Transgenic** plant with altered glycine betaine
 synthesis - has **increased** freezing and choline
tolerance, useful for protecting commercial plants against
environmental stresses
 IN Buelow L; Holmberg N; Lilius G
 PA (BUEL-I) BUELOW L.
 PI WO 9826081 A1 19980618 40p
 AI WO 1997-EP6874 19971209
 PRAI SE 1996-4532 19961209
 DT Patent
 LA English
 OS 1998-348535 [30]
 DESC *Beta vulgaris* choline monooxygenase **gene** cloning
 oligonucleotide #2.

Lab., 700 Higashibara, Toyoda-cho, Iwata-gun, Shizuoka 438, JP
 PA Japan Tobacco Inc., 2-1 Toranomom, 2-Chome, Minato-Ku Tokyo 105, JP
 SO Wila-EPZ-1999-H13-T1a
 DS R DE; R DK; R ES; R FR; R GB; R IE; R IT; R NL; R PT
 PIT EPA1 EUROPÄISCHE PATENTANMELDUNG (Internationale Anmeldung)
 PI EP 905242 A1 19990331
 OD 19990331
 AI EP 1997-909592 19971023
 PRAI US 1996-736287 19961024
 RLI WO 97-JP3828 971023 INTAKZ
 WO 9817803 980430 INTPNR
 IC ICM C12N015-29
 ICS A01H005-00

L7 ANSWER 13 OF 124 EUROPATFULL COPYRIGHT 2004 WILA on STN

PATENT APPLICATION - PATENTANMELDUNG - DEMANDE DE BREVET

AN 891702 EUROPATFULL ED 19990204 EW 199903 FS OS
 TIEN PROCESS FOR CONSTRUCTING TEMPERATURE-TOLERANT PLANTS.
 TIDE VERFAHREN ZUR HERSTELLUNG TEMPERATUR-TOLERANTER PFLANZEN.
 TIFR PROCEDE D'OBTENTION PAR RECOMBINAISON DE PLANTES INSENSIBLES A LA
 TEMPERATURE.
 IN MURATA, Norio, 14-64-602, Fubuki-cho Okazaki-shi, Aichi 444, JP
 PA SUNTORY LIMITED, 1-40, Dojimahama 2-chome, Kita-ku, Osaka-shi, Osaka-fu
 530, JP
 SO Wila-EPZ-1999-H03-T3a
 DS R AT; R BE; R CH; R DE; R DK; R ES; R FI; R FR; R GB; R GR; R IE; R IT;
 R LI; R LU; R MC; R NL; R PT; R SE
 PIT EPA1 EUROPÄISCHE PATENTANMELDUNG (Internationale Anmeldung)
 PI EP 891702 A1 19990120
 OD 19990120
 AI EP 1996-943340 19961227
 PRAI JP 1995-343354 19951228
 JP 1996-97534 19960327
 RLI WO 96-JP3873 961227 INTAKZ
 WO 9724026 970710 INTPNR
 IC ICM A01H005-00

L7 ANSWER 14 OF 124 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN

AN AAB48006 Protein DGENE
 TI Novel **nucleic** acids useful for producing **genetically**
 modified plants with **improved** stress **tolerance** and
 capable of expressing homoserine acetyltransferase -
 IN Galili G; Amir R
 PA (YEDA) YEDA RES & DEV CO LTD.
 (GAVI-N) GAVISH-GALILEE BIO APPL LTD.
 PI WO 2000070016 A2 20001123 89p
 AI WO 2000-IL281 20000518
 PRAI IL 1999-130014 19990518
 DT Patent
 LA English
 OS 2001-016222 [02]
 CR N-PSDB: AAC84158
 DESC L. meyeri metX **protein**.

L7 ANSWER 15 OF 124 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN

AN AAB48005 Protein DGENE
 TI Novel **nucleic** acids useful for producing **genetically**
 modified plants with **improved** stress **tolerance** and
 capable of expressing homoserine acetyltransferase -
 IN Galili G; Amir R
 PA (YEDA) YEDA RES & DEV CO LTD.
 (GAVI-N) GAVISH-GALILEE BIO APPL LTD.

LN.CNT 1776
INCL INCLM: 435/172.300
INCLS: 435/069.100; 435/069.700; 435/070.100; 435/100.000; 435/105.000;
435/209.000; 800/205.000; 800/DIG.044
NCL NCLM: 800/284.000
NCLS: 435/069.100; 435/069.700; 435/070.100; 435/100.000; 435/105.000;
435/209.000; 800/279.000; 800/288.000; 800/289.000
IC [6]
ICM: C12N015-56
ICS: C12N015-62; C12N015-82; C12N015-29
EXF 435/69.1; 435/69.7; 435/70.1; 435/172.3; 435/100; 435/105; 435/209;
800/205; 800/DIG.44
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 121 OF 124 USPATFULL on STN
AN 95:105960 USPATFULL
TI Stress-induced **proteins, genes** coding therefor,
transformed cells of organisms, methods and applications
IN Kondo, Keiji, Edison, NJ, United States
PA Inouye, Masayori, Bridgewater, NJ, United States
The University of Medicine and Dentistry of New Jersey, Newark, NJ,
United States (U.S. corporation)
PI US 5470971 19951128
AI US 1991-667276 19910311 (7)
DT Utility
FS Granted
LN.CNT 2279
INCL INCLM: 536/023.700
INCLS: 536/024.100; 435/069.100; 435/172.300; 435/252.300; 435/254.200;
435/254.210; 435/320.100
NCL NCLM: 536/023.700
NCLS: 435/069.100; 435/252.300; 435/254.200; 435/254.210; 435/320.100;
536/024.100
IC [6]
ICM: C12N015-31
ICS: C12N015-81
EXF 536/27.7; 536/24.1; 435/172.3; 435/320.1; 435/252.3; 435/69.1;
435/254.2; 435/254.21
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 122 OF 124 WPIDS COPYRIGHT 2004 THOMSON DERWENT on STN
AN 2001-016222 [02] WPIDS
DNC C2001-004527
TI Novel **nucleic** acids useful for producing **genetically**
modified plants with **improved** stress **tolerance** and
capable of expressing homoserine acetyltransferase.
DC C06 D16
IN AMIR, R; GALILI, G
PA (GAVI-N) GAVISH-GALILEE BIO APPL LTD; (YEDA) YEDA RES & DEV CO LTD
CYC 93
PI WO 2000070016 A2 20001123 (200102)* EN 89 C12N000-00
RW: AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ
NL OA PT SD SE SL SZ TZ UG ZW
W: AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ
EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK
LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG
SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
AU 2000046078 A 20001205 (200113) C12N000-00
ADT WO 2000070016 A2 WO 2000-IL281 20000518; AU 2000046078 A AU 2000-46078
20000518
FDT AU 2000046078 A Based on WO 2000070016
PRAI IL 1999-130014 19990518
IC ICM C12N000-00

L7 ANSWER 123 OF 124 WPIDS COPYRIGHT 2004 THOMSON DERWENT on STN
 AN 1998-348535 [30] WPIDS
 DNN N1998-271961 DNC C1998-107836
 TI **Transgenic plant** with altered glycine betaine
 synthesis - has **increased** freezing and choline **tolerance**
 , useful for protecting commercial plants against **environmental**
stresses.
 DC B04 D16 P13
 IN BUELOW, L; HOLMBERG, N; LILIUS, G
 PA (BUEL-I) BUELOW L
 CYC 80
 PI WO 9826081 A1 19980618 (199830)* EN 40 C12N015-82
 RW: AT BE CH DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA
 PT SD SE SZ UG ZW
 W: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE
 GH GM HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK
 MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US
 UZ VN YU ZW
 AU 9856607 A 19980703 (199847) C12N015-82
 ADT WO 9826081 A1 WO 1997-EP6874 19971209; AU 9856607 A AU 1998-56607 19971209
 FDT AU 9856607 A Based on WO 9826081
 PRAI SE 1996-4532 19961209
 IC ICM C12N015-82
 ICS A01H005-00; C12N009-04

L7 ANSWER 124 OF 124 WPIDS COPYRIGHT 2004 THOMSON DERWENT on STN
 AN 1997-034379 [03] WPIDS
 DNC C1997-010805
 TI New Nicotiana plumbaginifolia epoxidase **gene** - involved in
 abscisic acid biosynthesis, useful for **generating**
transgenic plants with increased
resistance to environmental stresses..
 DC C06 D16
 IN MARIN, E; MARION, P A; MARION-POLL, A
 PA (INRG) INRA INST NAT RECH AGRONOMIQUE; (INRG) INST NAT RECH AGRONOMIQUE
 CYC 27
 PI WO 9638566 A1 19961205 (199703)* FR 61 C12N015-53
 RW: AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE
 W: AU BG BR CA HU NO RO RU US
 FR 2734838 A1 19961206 (199705) 55 C12N015-52
 AU 9662283 A 19961218 (199714) C12N015-53
 EP 828836 A1 19980318 (199815) FR C12N015-53
 R: AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE
 ADT WO 9638566 A1 WO 1996-FR820 19960531; FR 2734838 A1 FR 1995-6466 19950531;
 AU 9662283 A AU 1996-62283 19960531; EP 828836 A1 EP 1996-920877 19960531,
 WO 1996-FR820 19960531
 FDT AU 9662283 A Based on WO 9638566; EP 828836 A1 Based on WO 9638566
 PRAI FR 1995-6466 19950531
 IC ICM C12N015-52; C12N015-53
 ICS C07H021-00; C12N015-82